



奕達精機股份有限公司

YI-DA PRECISION MACHINERY CO., LTD.

No. 41, Alley 68, Lane 357, Sec. 1, Sinan Rd., Wurih Township,  
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SL-20  
Unit:mm(*inch*)

ITEM		SL-20
Work Capacity	Swing over bed	Ø480 (Ø18.9)
	Swing over side	Ø321 (Ø12.6)
	Max. machining diameter x length	Ø200 x 508 (Ø7.9 x 20)
Machine Body	Slant angle of bed	45
	Max. travel range of Z/X-axis (Longitudinal/Cross)	520 / 176 (20.5 / 6.9)
	Servo motor of Z/X-axis	1.4 / 1.4 kW
	Rapid traverse rate of Z/X-axis	30 / 30 m/min (1181 / 1181 ipm)
Spindle	Diameter of spindle front bearing bore	Ø100 (Ø3.9)
	Diameter of spindle bore/Draw bar bore	Ø62 / Ø51 (Ø2.4 / Ø)
	Spindle nose type	ASA A2-6
	Taper of spindle bore	1/20
	Spindle drive motor	7.5/11 kW (10/15 HP)
	Spindle speed	STD: 4500 rpm
	Diameter of chuck	STD: 8" hydraulic; OPT: 8" hydraulic (Kitagawa)
Hydraulic Tailstock	Quill diameter	Ø65 (Ø2.56)
	Tailstock travel	425 (16.7)
	Quill type	Live
	Quill taper	MT No. 4
	Quill stroke	50 (1.97)
Tools Turret	Type	Vertical
	No. of tool capacity	10 pcs
	Tool shank post	20 x 20 (3/4 x 3/4)
	Boring diameter post	ØB2 / 4 pcs (Ø1 1/4 / 4 pcs)
Drive Motor	Coolant motor	960 W
	Hydraulic motor	745 W (1 HP)
	Chip conveyor motor	215 W (1/4HP)
Miscellaneous	Power requirement	208-220 Volts / 50 Amps / 3 Phase
	Height from floor to spindle	900 (35.4)
	Floor area (W x D x H)	2770 x 1994 x 1645 (109 x 78 x 64.7)
	Packing Dimension (W x D x H)	2920 x 2310 x 2040 (115 x 91 x 80)
	Net weight (approx.)	2900 kg (6380 lbs)
	Gross weight (approx.)	3120 kg (6864 lbs)

Note: specifications are subject to change without prior notice.



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## **STANDARD ACCESSORIES**

1. Fanuc 0i -Mate-TC Controller
2. Spindle Speed: 4500 rpm
3. Spindle Motor: 7.5/11 kW
4. 8" Hydraulic Chuck
5. Hydraulic 10-Tool Turret
6. 4 Wedge Type Tool Clamps (for OD Tools)
7. 4 Boring Bar Holders
8. Hydraulic Tailstock with MT No.4 Quill
9. Coolant System
10. Leveling Bolts and Pads
11. Grease Lubrication System
12. Work Lamp
13. End of Program Light
14. Tool Kit
15. One Set of Soft Jaws
16. Operator' s Manual
17. Maintenance Manual
18. Programming Manual
19. Parts List

## **OPTIONS**

1. FANUC 0i -TC Controller
2. Siemens Controller
3. Mitsubishi Controller
4. 8" Hydraulic Chuck (KITAGAWA)
5. One Set of Hard Jaws
6. Taper Sleeve (MT No.1 & MT No.2) × O.D. 32
7. Hydraulic 8-Tool Turret
8. Boring Bar Bushings
9. (Ø8, Ø10, Ø12, Ø16, Ø20, Ø25) × O.D. 32
10. Chain Type Chip Conveyor + Chip Bucket
11. Parts Catcher
12. Foot Pedal for Tailstock
13. Manual or Automatic Tool Setter
14. Turning Tool Holder ( 20 × 20)
15. Collet Chuck
16. Bar Feeder
17. Bar Feeder Interface
18. Oil Mist Collector
19. Transformer
20. Automatic Lubrication System